

Due Date: November 21, 2002

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: David E. Simmen
 Serial No.: 09/669,556
 Filed: September 26, 2000
 Title: QUERY OPTIMIZATION TECHNIQUE FOR OBTAINING IMPROVED CARDINALITY ESTIMATES USING STATISTICS ON AUTOMATIC SUMMARY TABLES

CERTIFICATE OF MAILING OR TRANSMISSION UNDER 37 CFR 1.8

I hereby certify that this correspondence is being filed via facsimile transmission to the U.S. Patent and Trademark Office on November 21, 2002.

By: 
 Name: George H. Gates

Commissioner for Patents
 Washington, D.C. 20231

Dear Sir:

We are transmitting herewith the attached:

Transmittal sheet, in duplicate, containing a Certificate of Mailing or Transmission under 37 CFR 1.8.
 Amendment Under 37 C.F.R. §1.111 including Appendix.

CLAIMS PRESENT

Claims Remaining:	Highest Number Previously Paid For:	Number Extra	Rate		Fee
Total Claims					
30	30	0	x \$18.00	=	\$0.00
Independent Claims					
3	3	0	x \$84.00	=	\$0.00
MULTIPLE DEPENDENT CLAIM FEE					\$0.00
TOTAL FILING FEE					\$0.00

Please consider this a PETITION FOR EXTENSION OF TIME for a sufficient number of months to enter these papers, if appropriate.

Please charge all fees to Deposit Account No. 09-0460 of IBM Corporation, the assignee of the present application. A duplicate of this paper is enclosed.

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By: 
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 GHG/sjm

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Official
11/21/02

FAX TRANSMISSION TO USPTO

TO: Commissioner for Patents
Attn: Examiner Cindy Nguyen
Patent Examining Corps
Facsimile Center
Washington, D.C. 20231

FROM: George H. Gates
OUR REF.: STL919990184
TELEPHONE: (310) 642-4146

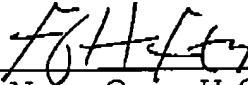
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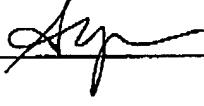
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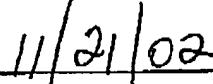
Title of Document Transmitted:	AMENDMENT UNDER 37 C.F.R. 1.111 INCLUDING APPENDIX
Applicant:	David E. Simmen
Serial No.:	09/669,556
Filed:	September 26, 2000
Group Art Unit:	2171
Our Ref. No.:	STL919990184

By:


Name: George H. Gates
Reg. No.: 33,500

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Due Date: November 21, 2002

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: David E. Simmen Examiner: Cindy Nguyen
Serial No.: 09/669,556 Group Art Unit: 2171
Filed: September 26, 2000 Docket: STL919990184
Title: QUERY OPTIMIZATION TECHNIQUE FOR OBTAINING IMPROVED
CARDINALITY ESTIMATES USING STATISTICS ON AUTOMATIC
SUMMARY TABLES

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AMENDMENT UNDER 37 C.F.R. §1.111

Commissioner for Patents
Washington, D.C. 20231

Dear Sir:

In response to the Office Action dated August 21, 2002, please amend the above-identified application as follows. Please note that, in compliance with the rules under 37 C.F.R. § 1.121, the amended claims are presented in "clean" form with marked-up versions provided in the Appendix.

IN THE CLAIMS

~~Please cancel claims 2, 12 and 22, and amend claims 1, 3, 11, 13, 21 and 23 as follows:~~